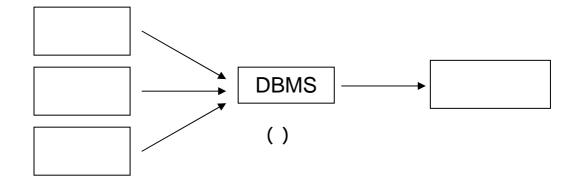
قواعد البيانات DATA BASES

-:

-: DBMS



-:

```
-: ( Data Base )
                                          -:( Table ) _____
                                         -:( Record ) ____
                                           -: ( Field ) ____
                                         -: ( Index ) _____
Key Field
```

3

```
-: ( Filter ) _____
                                          -: ( View )
. Filter
              Index
                                        -: ( Query ) _____
```

```
-: Index
                                                 (
                                                     -: Filter
                                   >,<,=:
                                                       -: Sort
(
                                                    Sort
                            Order By
                                        -: Validation
```

-: Integrity

-:

```
5
```

```
. Access
. FoxPro
. Dbase
. Oracal
. Text files
. Paradox
                               -:
                                              -: text
                                           -: memo
-:
          Byte - Integer - Long
                                    -: Decimal
                -:
             Single - Double
                              -: Date / Time
                                     windows
```

6

-: Boolean / Logical

/ yes / no / True / False

-: Binary

-: currency

-:

. V.C++ V.B

-:

. . .

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-:

-: .

إعداد / م. فرج تربح ... معمد خولة للممن الشاملة ... الساحل الشرقي / درنه

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Visual Data Manager

visual basic

. Visual Data Manager

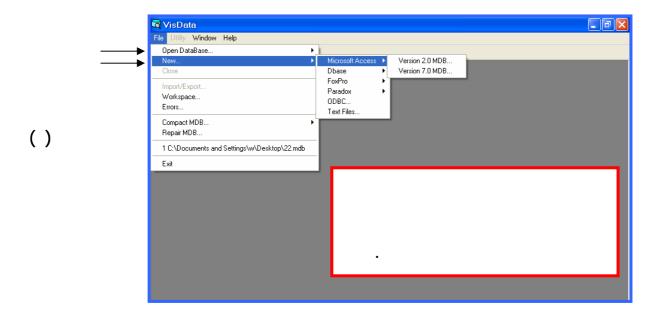
Access

:

-: visdata

•

Visual Data Manager Add-Ins



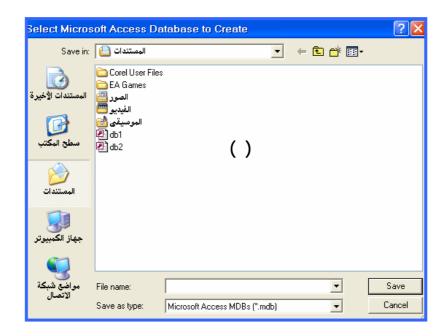
: Vis Data

File > New > Microsoft Access > version , MDB

version, MDB

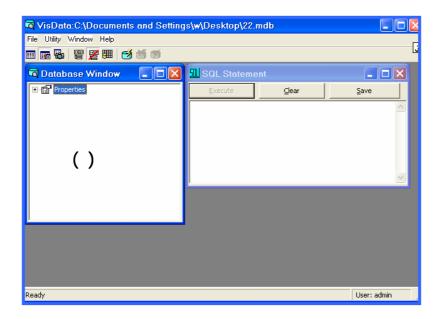
Access

Select Microsoft Access Database To Create



File name

-: Save



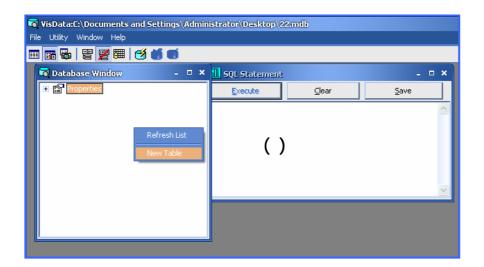
-:

Visual Data Manager

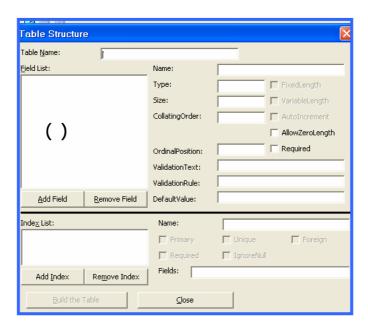
File Open Database Add-Ins
. ()

() Database Window

New Table



: .



 .

- . Table Name
- . Add filed
- . Remove filed
- . Add index ()
- . Remove index

Table Name

()

Add Filed

Add Field	X		
Name:	OrdinalPosition:		
Type: Text ▼	ValidationText:		
Size:	ValidationRule:		
○ FixedField○ VariableField	DefaultValue:		
☐ AutoIncrField ☐ AllowZeroLength	ōk		
Required	Close		

-;

Name

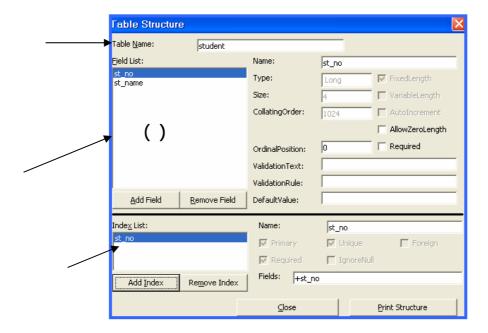
Type

Size

-· ____

. ok

- :



- Variable filed
- fixed filed
- Allow Zero Length
- Auto Incr Filed
- Required
- Validation Text
- Validation Rule
- Default Value

Build The Close

Table

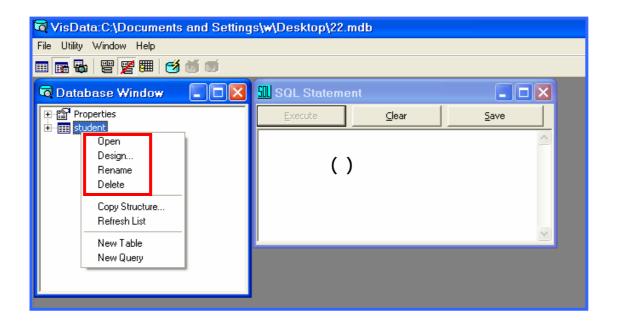
-:

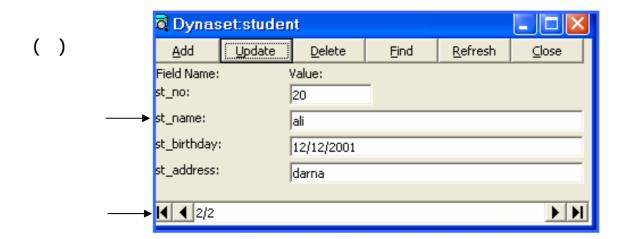
Open

Design

Rename

Delete





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. add .

. update .

. cancel

. refresh

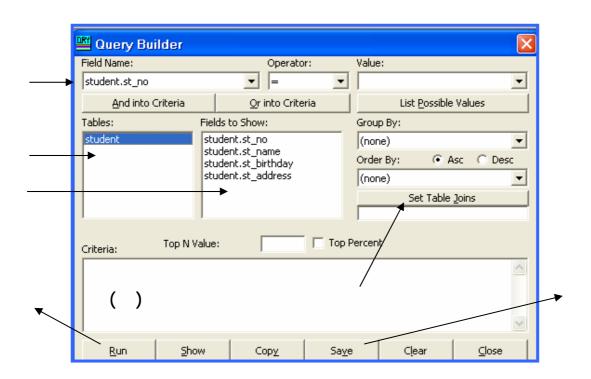
. delete

. find

. close

-.____

New Query



			Tabl	es	
		Fields To Show			
				. Tables	
()				
Set Table Joins					
		()			
	Add Join To Quer	ÿ	()
				Value	
		. R	un		
. ()	Save				

Join Tables		×	
Select Table Pair:	Select Fields to Join on:		
STUDENT DEGRE	STU_NUM STU_NAME	STU NUM DEGRE ()	
Add Join to Query	Clear All Joins	<u>C</u> lose	

-:

Microsoft Access

Visdata

. Microsoft Access